



## **IDEM's Surface Water Quality Assessment Program**

### **Source Identification Program**

#### **Program Objective**

The Source Identification Program objective is to conduct follow-up studies to determine the sources of known stream impairments. This is carried out through evaluation of data produced by all Assessment Branch Programs during the prior year's field season. The impaired locations are reviewed and prioritized according to the degree and type of stressor. This program not only confirms causes and identifies sources of impairments, but makes the appropriate referrals for follow-up and remediation of the problems. Cause and source identification is a basic component of USEPA 305(b) guidance which encourages states to document impaired problems as part of the assessment process. The number and type of studies that can be conducted each field season is limited due to current staffing levels.

#### **Program Participants**

The Source Identification Program is carried out through the cooperative efforts of the Watershed Group and Special Projects Group of the Surveys Section, Assessment Branch.

#### **Program Description**

Media:	Surface Water; rivers and streams
Study Area:	Statewide rotating basins (follow-up in previous years targeted basins)
Site Selection Type:	Targeted sites
Sampling Sites:	As needed to adequately characterize each impairment
Sampling Frequency:	To be determined by the requirements of each study
Data Collected:	In-situ water chemistry, water chemistry and sediments for laboratory analysis, and onsite physical observations as appropriate for each study
Parameters:	To be determined by the requirements of each study

#### **Program Product(s)**

Report: Selected Source Identification Studies Conducted in the Kankakee River and Lower Wabash River Basins in 2000

#### **Technical Notes**

All Source Identification monitoring will adhere to the Assessment Branch Quality Assurance Project Plan.

## Contact Information

J. Larry McFall, Senior Environmental Manager  
Indiana Department of Environmental Management  
Office of Water Management – Assessment Branch  
Surveys Section  
P.O. Box 6015- Shadeland  
Indianapolis, IN 46206-6015  
(317) 308-3200  
fax (317) 308-3219  
e-mail: [jmcfall@dem.state.in.us](mailto:jmcfall@dem.state.in.us)

<p><b>IDEM Information:</b> (317) 233-1044 or 800-451-6027 800-743-3333(TDD) toll-free for Indiana residents</p> <p><b>EnviroLine:</b> (317) 232-8603 or 800-451-6027 toll-free for Indiana residents</p> <p><b>Fax on Demand:</b> 800-726-8000</p> <p><b>Internet:</b> <a href="http://www.state.in.us/idem">www.state.in.us/idem</a></p>	<p><b>For More Information on IDEM's Office of Water Quality...</b></p> <p><b>Assessment Branch</b> (Surface water quality: river, streams and lakes) Shadeland Office, Indianapolis (317) 308-3173</p> <p><b>Permitting and Compliance Branch</b> (NPDES permits, Inspections, operator assistance, and compliance.) Indiana Government Center North, Indianapolis (317) 232-8675</p> <p><b>Drinking Water Branch</b> (Public water supply and ground water protection) Shadeland Office, Indianapolis (317) 308-3280</p> <p><b>Planning Branch</b> (Water quality standards/rules, grants and loans) Indiana Government Center North, Indianapolis (317) 233-8488</p> <p><b>Financial Administrative Services Branch</b> (Program management, data management, rules) Indiana Government Center North, Indianapolis (317) 232-8472</p>
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